



APPLICATION FILING DATE: DECEMBER 6, 1999
TITLE: SYSTEM AND METHOD FOR SCHEDULING COMMUNICATION SESSIONS IN
AN AD-HOC NETWORK
INVENTOR(S): PER JOHANSSON
APPLICATION SERIAL NO.: 09/454,758

SHEET 1 OF 10

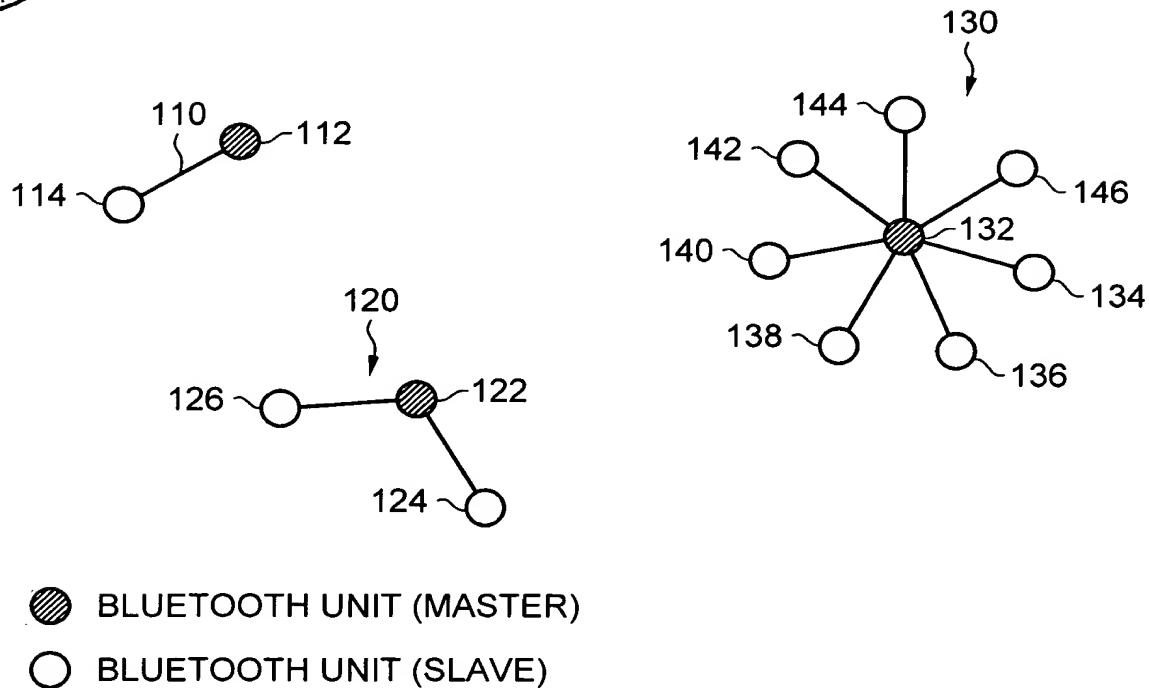


FIG. 1

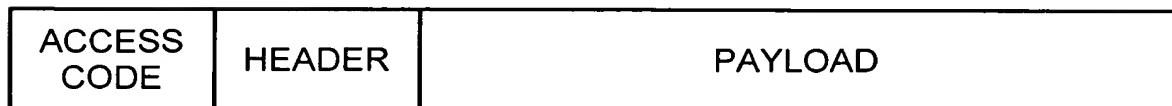


FIG. 3

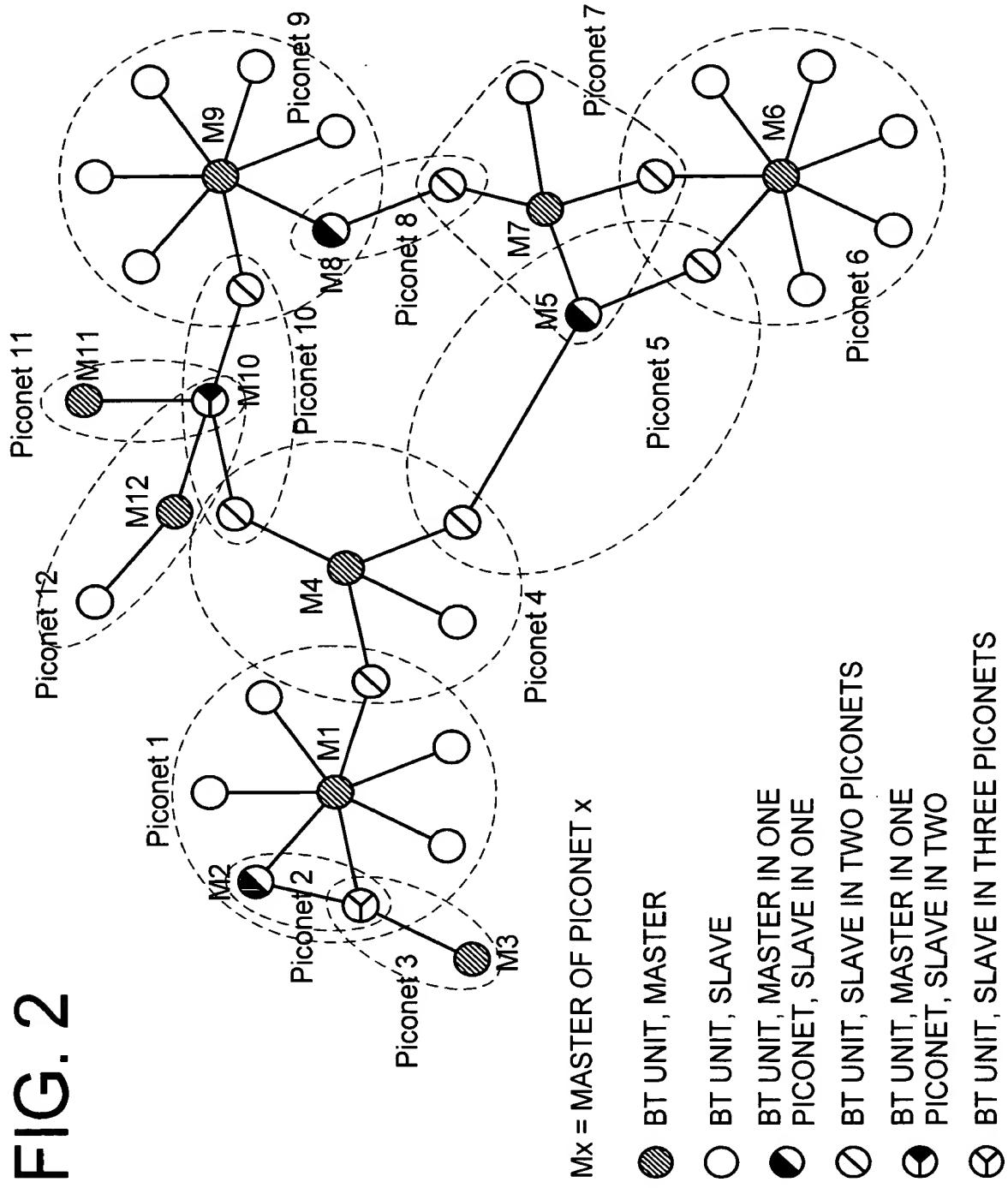
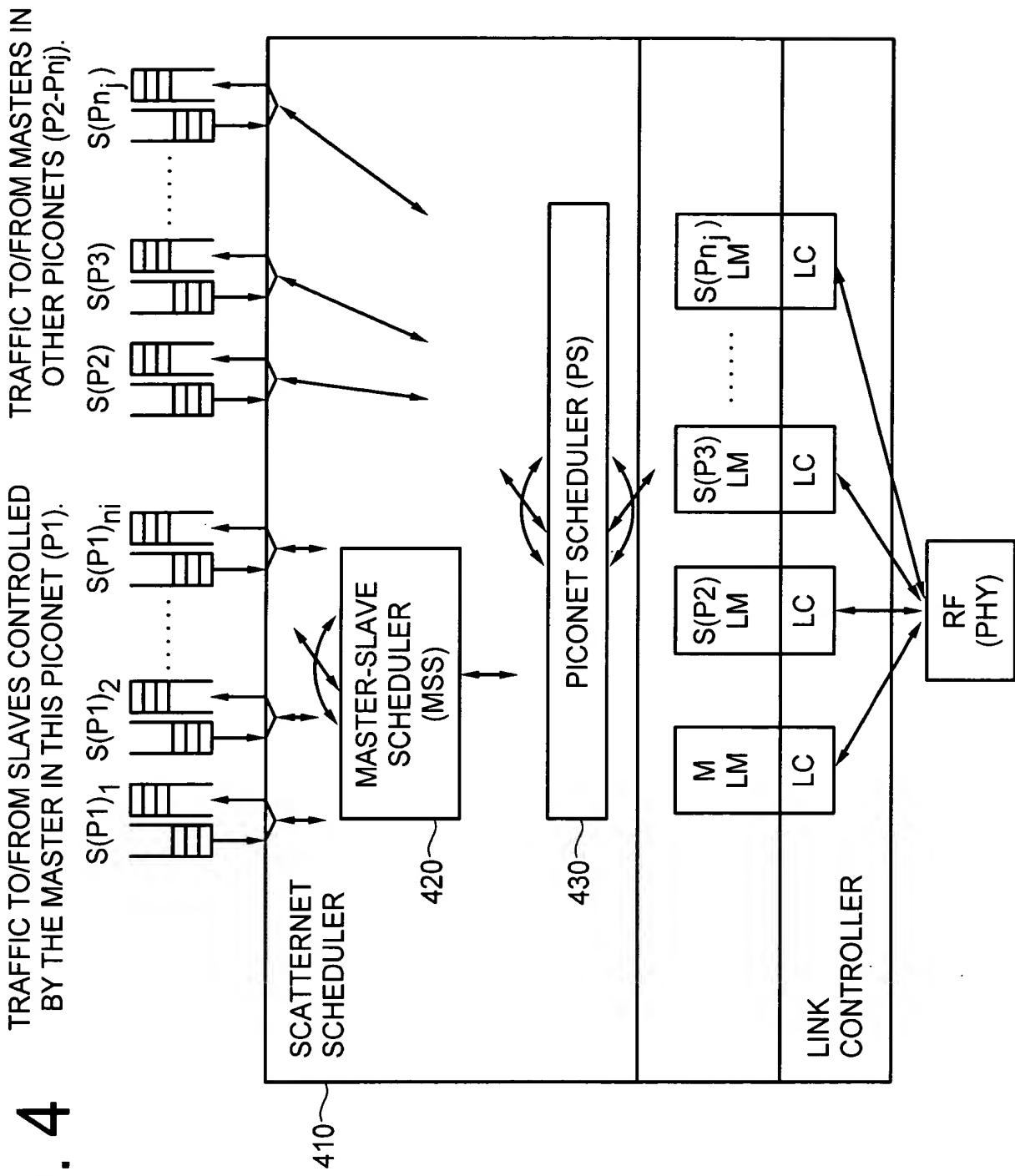




FIG. 4 TRAFFIC TO/FROM SLAVES CONTROLLED BY THE MASTER IN THIS PICONET (P1).



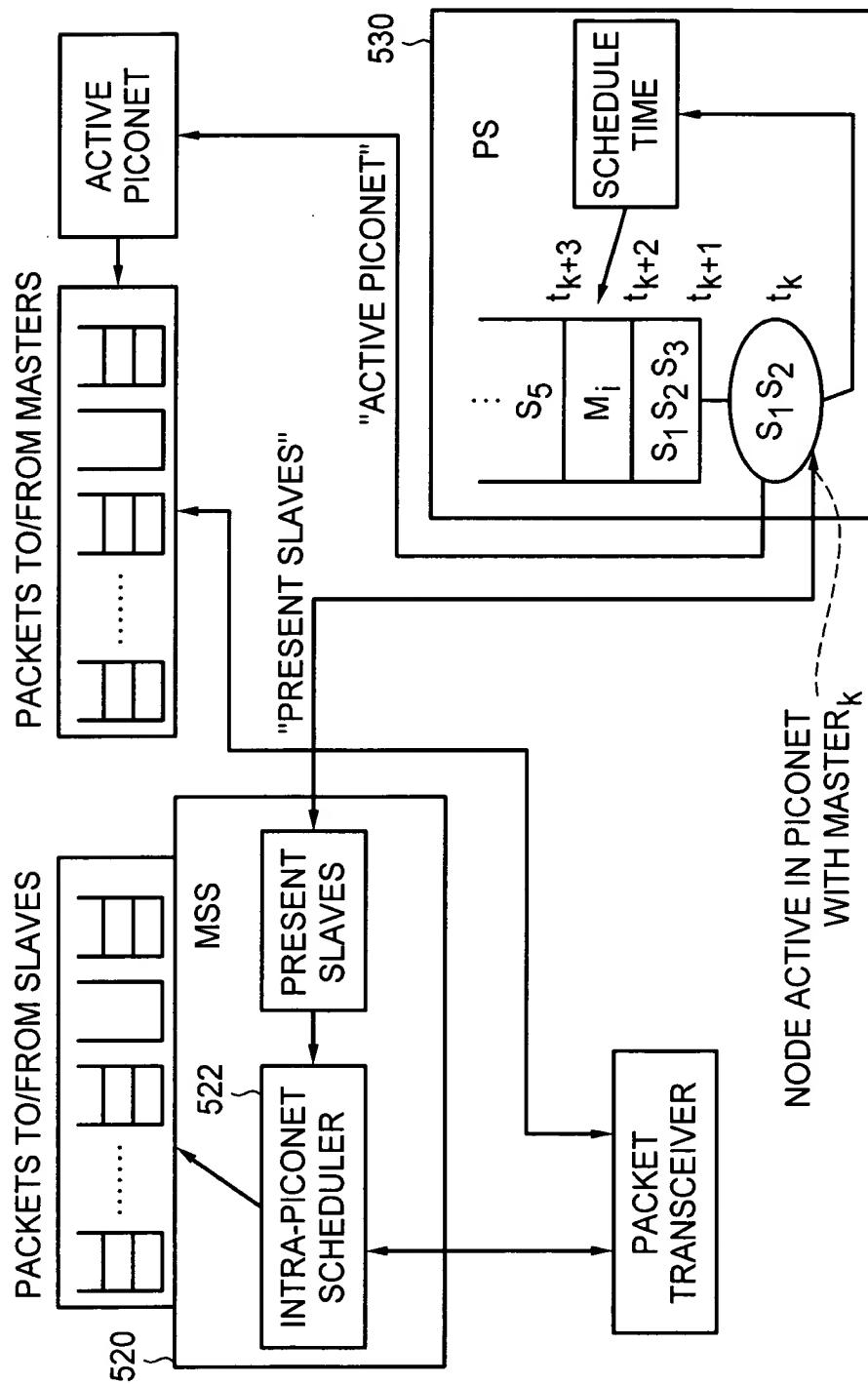
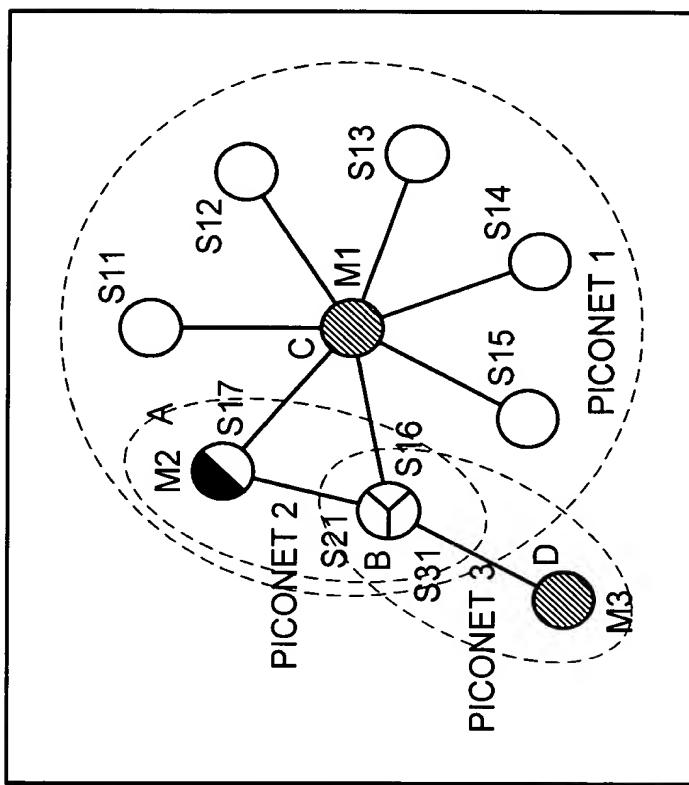


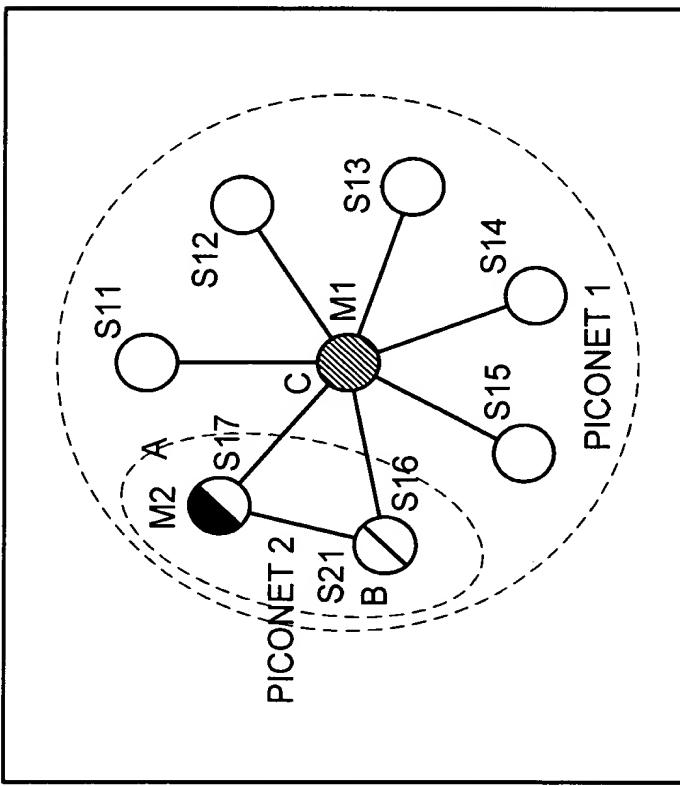
FIG. 5



SCATTERNET EXAMPLE OF THREE SIMULTANEOUS PICONETS

FIG. 6B

$M_x = \text{MASTER OF PICONET } x$
 $S_{xy} = \text{SLAVE IN PICONET } x \text{ WITH id (AM_ADDR)} y$



SCATTERNET EXAMPLE OF TWO SIMULTANEOUS PICONETS

FIG. 6A



APPLICATION FILING DATE: DECEMBER 6, 1999
 TITLE: SYSTEM AND METHOD FOR SCHEDULING COMMUNICATION SESSIONS IN
 AN AD-HOC NETWORK
 INVENTOR(S): PER JOHANSSON
 APPLICATION SERIAL NO.: 09/454,758

SHEET 6 OF 10

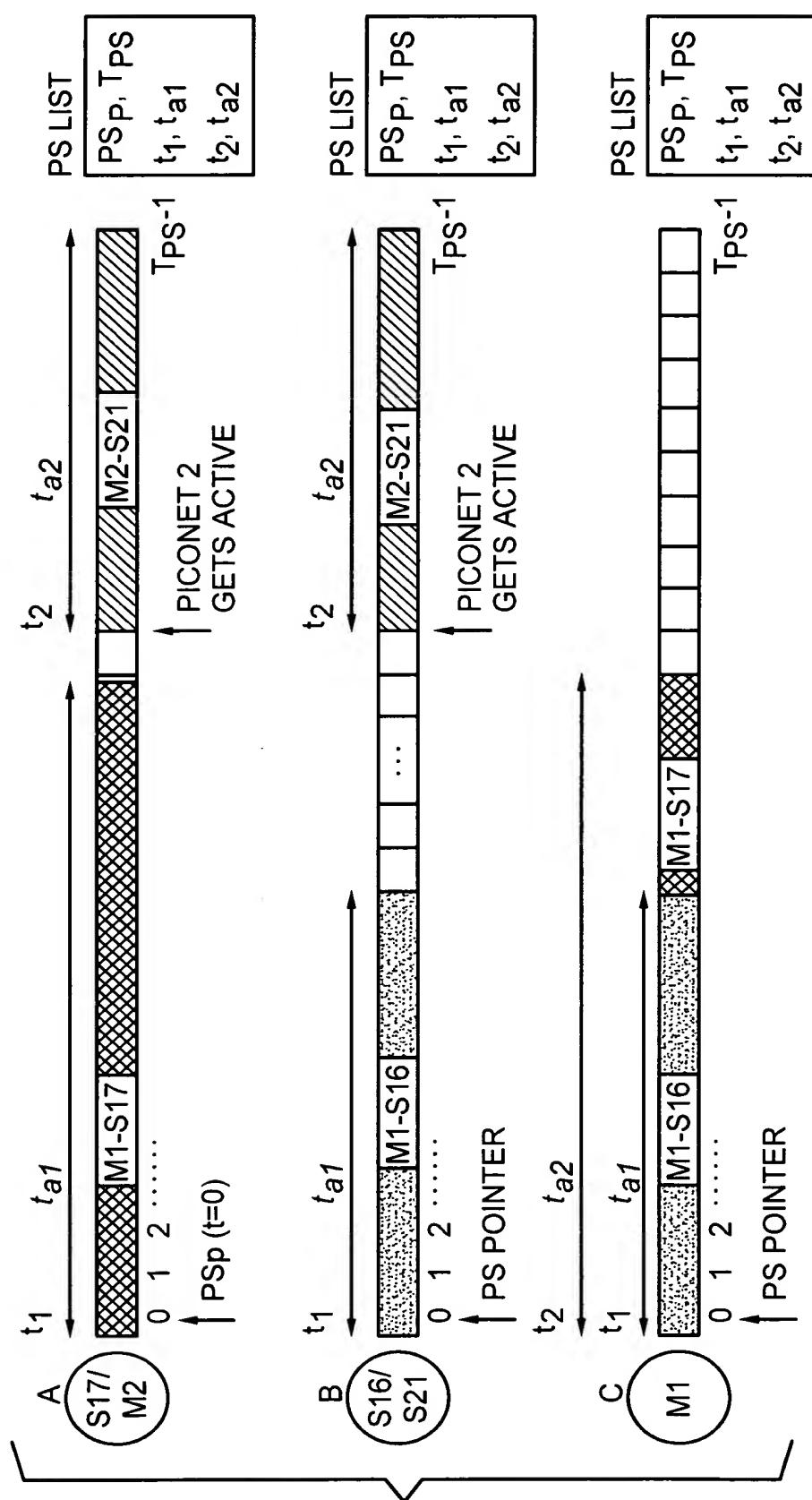


FIG. 7



APPLICATION FILING DATE: DECEMBER 6, 1999
TITLE: SYSTEM AND METHOD FOR SCHEDULING COMMUNICATION SESSIONS IN
AN AD-HOC NETWORK
INVENTOR(S): PER JOHANSSON
APPLICATION SERIAL NO.: 09/454,758

SHEET 7 OF 10

OpCode TRANSACTION ID	SNIFF PARAMETERS	PS CHANGE REQUEST	PS LIST
-----------------------------	---------------------	----------------------	---------

FIG. 8A

OpCode TRANSACTION ID	PS CHANGE REQUEST PARAMETERS	PS LIST
-----------------------------	------------------------------------	---------

FIG. 8B

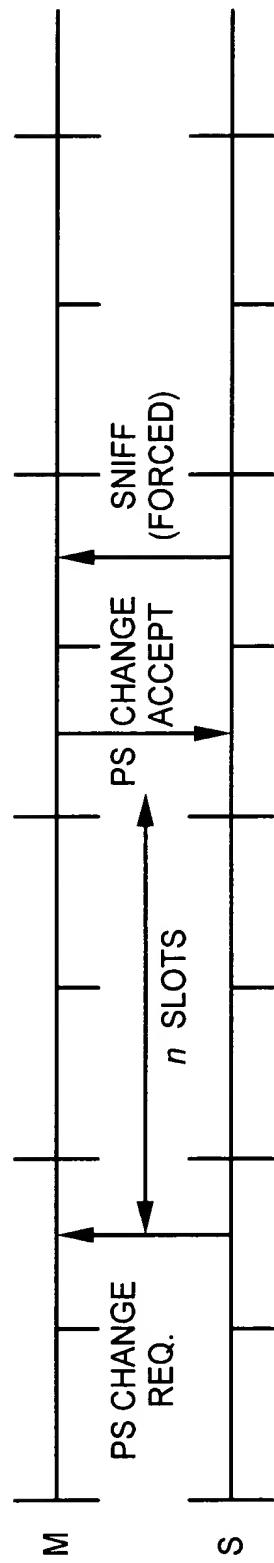


FIG. 9A

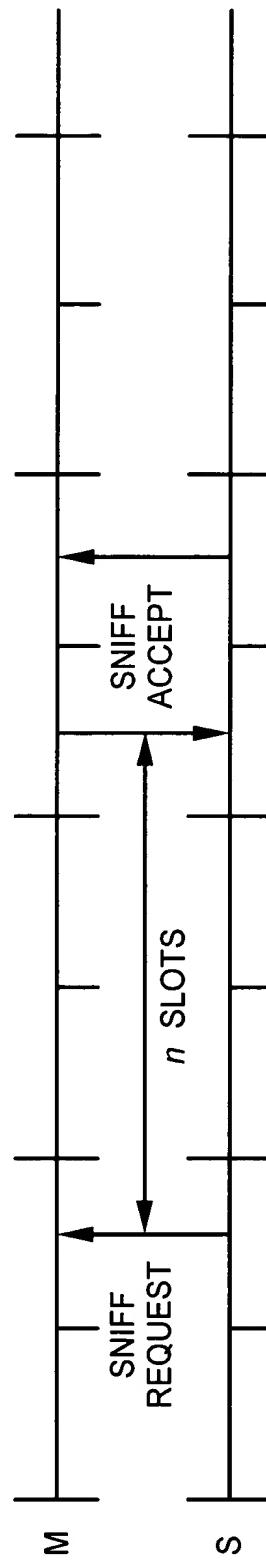


FIG. 9B



APPLICATION FILING DATE: DECEMBER 6, 1999
TITLE: SYSTEM AND METHOD FOR SCHEDULING COMMUNICATION SESSIONS IN
AN AD-HOC NETWORK
INVENTOR(S): PER JOHANSSON
APPLICATION SERIAL NO.: 09/454,758

SHEET 9 OF 10

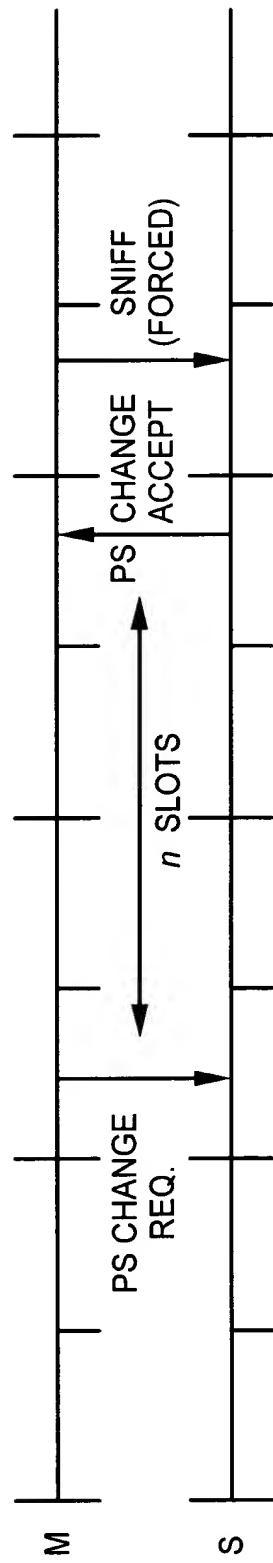


FIG. 10A

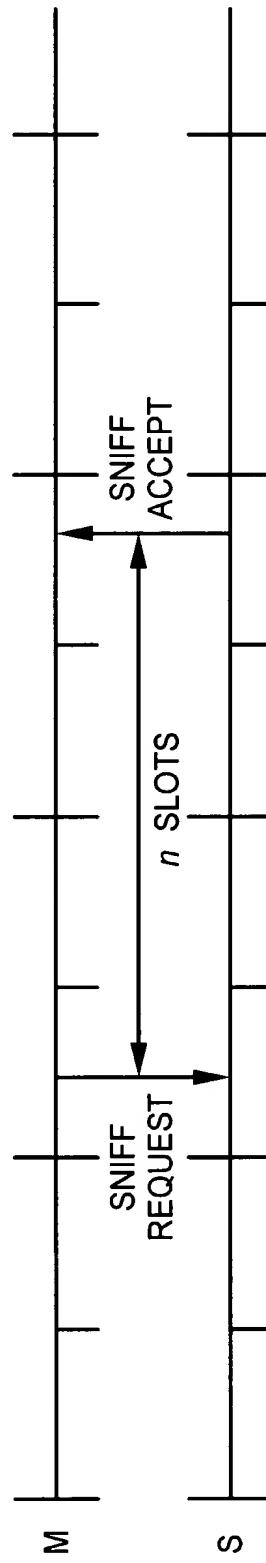


FIG. 10B

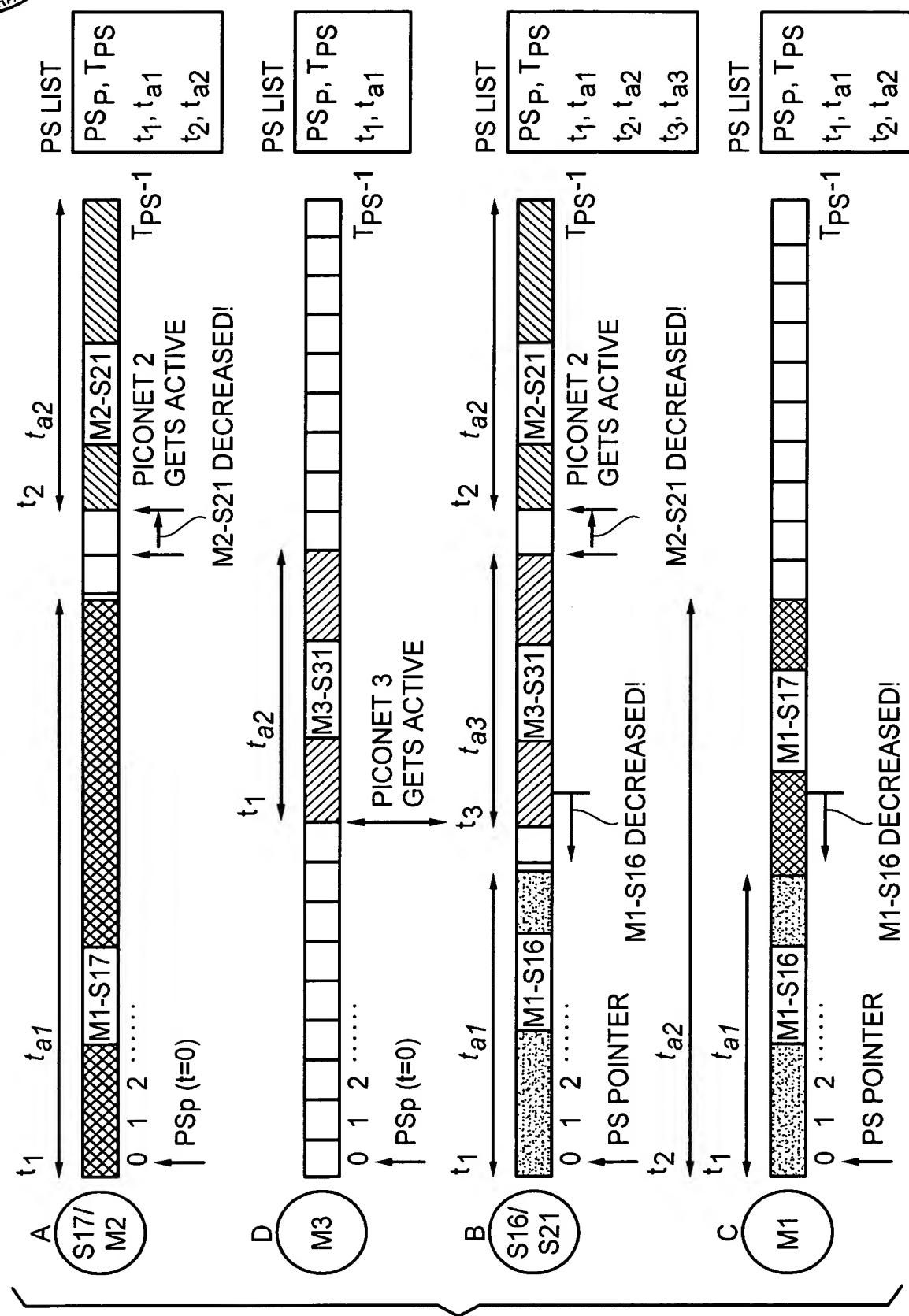


FIG. 11